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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

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OR

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cond to a collection of information	on unless it contains a valid OMB contri	of number.
Attorney Docket Number	11321-P057US	
First Named Inventor	Yakobson, et al.	
COA	MPLETE IF KNOWN	
Application Number	To Be Assigned	
Filing Date	November 19, 2003	
Art Unit	Unknown	
Examiner Name	Unknown	

F											
I hereby declare that:											
Each inventor's residence, mailing address, and citizenship are as stated below next to their name.											
I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
A High-Yield Method of Endohedrally Encapsulating Species Inside Fluorinated Fullerene Nanocages											
the specification of which		(Title of the I	Invention)								
is attached hereto											
OR						;					
was filed on (MM/DD/YYYY) November 19, 2003 as United States Application Number or PCT International											
Application Number		and was amended	on (MM/	(יייייטס			(if applicable).				
I hereby state that I have revie amended by any amendment	wed and under	rstand the contents ourred to above.	of the abo	ve identified:	pecification	n, including	the daims, as				
I acknowledge the duty to di continuation-in-part application and the national or PCT intern	rs, material inf	ormation which beca	ame avail	able betweer	defined in : the filing o	37 CFR 1.state of the	56, including for prior application				
I hereby claim foreign priority inventor's or plant breeder's ri	benefits unde	r 35 U.S.C. 119(a)	(d) or (f),	or 365(b) o	any foreig	n applicati	on(s) for patent,				
country other than the United	States of Amer	ica, listed below and	i have als	o identified b	elow, by ch	ecking the	box, any foreign				
application for patent, inventor before that of the application o	's or plant bree n which priority	ders rights certifica is claimed.	le(s), or a	ny PCT inter	national app	olication ha	ving a filing date				
Prior Foreign Application Number(s)	Country	Foreign Filing		Prio:	-		Copy Attached?				
N/A											
Additional foreign applicat	ion numbers ar	e listed on a supple	mental pri	ority data she	et PTO/SB	02B attach	ed hereto.				

[Page 1 of 2]
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Address 1201 Main Streef, P.O. Box 50784				_	_				
City	***			Stat	e				ZIP
Dallas	<u></u>			тх					77250-0784
Country		Telephon	10			Fax			<u></u>
US		512-474-2	2870			512-4	474-285	0	
I hereby declare that all staten and belief are believed to be statements and the like so man false statements may jeopardize	e true; and fur de are punishat	rther that t ble by fine	these state or imprise	temen onmer	nts we nt. or t	ere made both und	e with der 18	the kno	nwiedne that willful falco
NAME OF SOLE OR FIRST IN	VENTOR:		AP	etition	has t	been filed	d for thi	is unsigr	ned inventor
Given Name (first and middle (if anyl) Boris I.					Family Name or Surname Yakobson				
Inventor's Signature J. J. J. J.		ou	>						Date 07-15-2004
Residence: City	State			Cou	ntry			Citizer	
Houston	TX			บร				us	-
Mailing Address 2006 Quenby Road		•				^		L	Λ.
City	State				ZIP				Country
Houston	TX				770	05		1	us
NAME OF SECOND INVENTO	R:] A	petition h	nas bee	n filed f	or this unsigned inventor
Given Name (first and middle [if any]) Pave	IV.					Family Nor Sumar		Avramo	v
Inventor's Signature				**					Date
Residence: City	Stale			Cour	ntry			Citizen	nship
Houston	TX			บร	-			RU	
Mailing Address 2630 Bissonnet, No. 48						***************************************		L	
City	State			1	ZIP			Countr	ry
Houston	TX .	·			7700)5		us	•
Additional Inventors or a legal rep	presentative are bei	ng named on	the 1s	upplem	ental st	neet(s) PTC)/SB/02A	or OZLR a	attached hereto.

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Under the Paperwork Reduction Act of 1995 ADDITIONAL INVENTOR(S)

DECLARATION		Supplem	ental Sheet	Page	1of_2			
Name of Additional Joint Inventor, if any:		☐ Ap	petition has been filed fo	r this unsigned i	nventor			
Given Name (first and middle (if any)		Family Name or Surname						
John L.		Margrav						
Inventor's Signature				Date				
Belaire Residence: City	TX State		US Country	US Citizenshi	p			
4511 Verone Malling Address				****				
Mailing Address								
Bellaire City	TX State		77401 Zip	US Countr	<i>!</i>			
Name of Additional Joint Inventor, if any:		□ A;	petition has been filed fo	r this unsigned i	rventor			
Given Name (first and middle (if any)			Family Nan	ne or Surname	•			
Edward T		Mickelso	on					
Inventor's Signature		Date 4 -	May - 04					
Pearland Residence: City	TX State	:	US Country		US Citizenship			
3214 Worthington Dr. Mailing Address								
Mailing Address								
Pearland City	TX State	1	77584 Zip	US Country	1			
Name of Additional Joint Inventor, if any:			netition has been filed for	r this unsigned l	nventor			
Given Name (first and middle (if any)			Family Nam	e or Surname				
Robert H.		Hauge						
Inventor's Signature		Date	<u>.</u>					
Houston Residence: City	TX State		US Country		US Citizenship			
4031 Turnberry Circle Mailing Address					1			
Mailing Address			·					
Houston City	TX State		77025	US	,			

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Name of Additional Joint Inventor, if any:		ПАР	etition has been filed for	r this unsigned inventor
Given Name (first and middle (if any)		Family Na	me or Surname	
Peter J.		Boul		
Inventor's Signature				Date
Strasbourg Residence: City	State		FR Country	UK Citizenship
University of Louis Pasteur, ISIS/ULP-CNRS UN Mailing Address	/R 7006, I	Laboratoir	<u> </u>	
8, allee Gaspard Monge Malling Address				
Strasbourg City	State		F-67083	FR
Name of Additional Joint Inventor, if any:	Jiaic	□ дря	etition has been filed for	Country r this unsigned inventor
Given Name (first and middle (if any)			Family Nan	ne or Surname
Chad B.		Huffman		
Inventor's Signature		Date		
Houston Residence: City	TX State		US Country	US Citizenship
6500 South Main Mailing Address				
Mailing Address				
Houston City	TX State		77030 Zip	US Country
Name of Additional Joint Inventor, if any:		□ _{A p}	etition has been filed for	this unsigned inventor
Given Name (first and middle (if any)			Family Name	e or Surname
Richard E.		Smalley		
Inventor's Signature		Date		
Houston Residence: City	TX State		US Country	US Clt/zenship
1816 Bolsover Mailing Address				
Mailing Address				
Houston City	TX State	•	77005 Zip	US Country

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PATENT APPLICATION (37 CFR 1.63) Declaration Submitted OR

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Attorney Docket Number	11321-P057US
First Named Inventor	Yakobson, et al.
CO	MPLETE IF KNOWN
Application Number	To Be Assigned
Filing Date	November 19, 2003
Art Unit	Unknown
Examiner Name	Unknown

I hereby declare that:										
Each inventor's residence, mailing address, and citizenship are as stated below next to their name.										
I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:										
A High-Yield Method of Endohedrally Encapsulating Species Inside Fluorinated Fullerene Nanocages										
1.1000800										
		Title - 644 - 6-		~~~~						
(Title of the Invention) the specification of which										
is attached herelo										
OR										
was filed on (MM/DD/Y	YYY) No	ovember 19, 2003	as United States	Application N	umber or P	CT International				
Application Number		and was amended o	n (MM/DD/YYYY)			(if applicable).				
I hereby state that I have revie amended by any amendment	wed and under	rstand the contents of	the above identified	d specification	n, including	the claims, as				
I acknowledge the duty to di	•		to natentahility as	defined in	37 CER 11	56 including for				
continuation-in-part application and the national or PCT intern	ns, material inf	omation which becan	ne available belwe	en the filing	date of the	prior application				
I hereby claim foreign priority	benefits unde	r 35 U.S.C. 119(a)-(d) or (f), or 365(b)	of any foreig	n application	on(s) for patent.				
inventor's or plant breeder's re country other than the United	ights certificate	(s), or 365(a) of any F	PCT international a	pplication wh	ich designa	ited at least one				
application for patent, inventor	's or plant bree	eder's rights certificate	(s), or any PCT into	ernational ap	plication ha	ving a filing date				
before that of the application of	n which priority									
Prior Foreign Application Number(s)	Country	Foreign Filing Da		ority laimed	Certified C	Copy Attached?				
N/A										
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Additional foreign applicat	ion numbers ar	e listed on a suppleme	ental priority data s	heet PTO/SB	/02B attach	ed hereto				

[Page 1 of 2]

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Name				_						
Ross Spencer Garsson / Wi	nstead Sechre	st & Mini	ck P.C.							
Address										
1201 Main Streef, P.O. Box 50784										
City				State	9	`			ZIP	
Dallas				ΤX					77250-078	14
Country	7,	Telephon	e			Fax				
US		512-474-2	2870			512-4	474-285	0		
I hereby declare that all staten and belief are believed to be statements and the like so ma false statements may jeopardiz	e true; and fur de are punishat	ther that ole by fine	these state	lement onmen	ts we it, or	ere made both, und	with der 18 (the kno	wiedae th:	at willful falco
NAME OF SOLE OR FIRST IN	IVENTOR:			atilion	hae (hoon filed	l for thi	e uncior	ed invento	
Given Name				GuaGri	11031	Family t	Name	,		
(first and middle [if any]) Boris	s I.	•			or Surname Yakobson					
Inventor's									Date	
Signature								•	Date	
Residence: City	State		-	Cour	ıtry			Citizer	ship	
Houston	TX			us us						
Mailing Address 2006 Quenby Road		•								
City	State				ZIP				Country	
Houston	TX				770	05		1	us	Ī
NAME OF SECOND INVENTO	R: ,				Α	petition h	as bee	n filed fo	or this unsig	gned inventor
Given Name	11/					Family Na				
(first and middle [if any]) Pave	· V.				- '	or Sumar	ne A	vramov	,	
Inventor's Signature		-							Date 7.	19,2004
Residence; City	State			Coun	itry	~		Citizen		
Houston	TX /			US				RU		
Mailing Address 2630 Bissonnet, No. 48							 .			
City	State			T	ZIP	•		Countr	у	
Houston	TX .				7700)5		US		
Additional inventors or a legal rep	oresentative are bein	ig named on	the 1 s	uppleme	ental st	reel(s) PTO	/SB/02A	or 02i R =	ttached hereto	
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ADDITIONAL INVENTOR(S)

Supplemental Sheet

Page 1 of 2

Name of Additional Joint Inventor, if any:		☐ Ap	etition has	been filed fo	or this	unsigned in	ventor	
Given Name (first and middle (if any)		Family Name or Surname						
John L.		Margrave	•					
Inventor's Signature						Date		
Belaire Residence: City	TX State		US Country			US Citizenship)	
4511 Verone Mailing Address								
Malling Address								
Bellaire City	TX State			7401 ip		US Country		
Name of Additional Joint Inventor, if any:		□ Ар	atition has	been filed fo	or this	unsigned in	ventor	
Given Name (first and middle (if any)				Family Nar	ne or	Surname		
Edward T	•	Mickelso	n			•		
inventor's Signature TM. MM		Date 4 - (May -	०५				
Pearland Residence: City	TX State		US	untry			US Citizenship	
3214 Worthington Dr. Mailing Address								
Mailing Address		-						
Pearland City	TX State		77 Z	584 P		US Country		
Name of Additional Joint Inventor, if any:		☐ Ape	etion has	been filed fo	r this	unsigned in	ventor	
Given Name (first and middle (if any)				Family Nam	ne or S	Surname		
Robert H.		Hauge						
Inventor's Signature		Date				-	-	
Houston Residence: City	TX State		US	untry	_		US Citizenship	
4031 Turnberry Circle Mailing Address			· · · · · · · · · · · · · · · · · · ·				1 Cincolorup	
Mailing Address								
Houston	TX		77	7025		US		

City

State

Zip

Country

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2— of 2—						
Name of Additional Joint Inventor, if any:		A petition	has been filed for this	s unsigned in	ventor		
Given Name (first and middle (if any)		Family Name or	Surname				
Peter J.		Boul	Boul				
Inventor's Signature				Date			
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8, allee Gaspard Monge Malling Address							
Strasbourg City	State	,	F-67083	FR Country			
Name of Additional Joint Inventor, if any:			has been filed for this		ventor		
Given Name (first and middle (if any)		Family Name or Surname					
Chad B.		Huffman					
Inventor's Signature		Date					
Houston Residence: City	TX State		US Country	US Citizenship			
6500 South Main Mailing Address							
Mailing Address							
Houston City	TX State		77030 Zip	US Country			
Name of Additional Joint Inventor, if any:		A petition	has been filed for this	unsigned in	vento r		
Given Name (first and middle (if any)			Family Name or	Surname			
Richard E.		Smalley					
Inventor's Signature		Date					
Houston Residence: City	TX State		US Country		US Cltizenship		
1816 Bolsover Mailing Address							
Mailing Address							
Houston City	TX State		77005 Zin	US			

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ĺ	First Named Inventor	Yakobson, et al.
	СОМ	PLETE IF KNOWN
	Application Number	To Be Assigned
	Filing Date	November 19, 2003
	Art Unit	Unknown
I	Examiner Name	Unknown

I hereby declare that:										
Each inventor's residence, mailing address, and citizenship are as stated below next to their name.										
I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:										
A High-Yield Method of Endohedrally Encapsulating Species Inside Fluorinated Fullerene										
Nanocages										
the specification of which		(Tille of the li	vention)							
is attached hereto										
OR										
was filed on (MM/DD/Y	YYY) No	ovember 19, 2003	as United Sta	tes Application N	lumber or Pe	CT International				
Application Number		and was amended	on (MM/DD/YY)	(Y)		(if applicable).				
I hereby state that I have revie amended by any amendment	wed and under	stand the contents o	f the above iden	tified specificatio	n, including	the claims, as				
I acknowledge the duty to di	sclose informa	lion which is materia	al to patentabili	ty as defined in	37 CFR 1.5	56. including for				
continuation-in-part application and the national or PCT intern	ns, material info	omation which beca	me available be	etween the filing	date of the	prior application				
I hereby claim foreign priority inventor's or plant breeder's ri	benefits unde	r 35 U.S.C. 119(a)-(s), or 365(a) of any	d) or (f), or 365	5(b) of any foreignal application wh	gn application	on(s) for patent,				
country other than the United application for patent, inventor	States of Amer	ica, listed below and	have also ident	ified below, by ch	hecking the	box, any foreign				
before that of the application of	n which priority	is claimed.								
Prior Foreign Application Number(s)	Country	Foreign Filing ((MM/DD/YYY		Priority lot Claimed	Certified C	opy Attached? No				
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M Additional foreign applicat	on numbers	a listed on		<u> </u>						
Additional foreign applicat	on numbers ar	e ustea on a supplen	iental priority da	ita sneet PTO/SB	ovuze attach	ea nereto.				

[Page 1 of 2]
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Direct all correspondence to:	Custome	er Number	:			OR	v	Corres	pondence address below	
Name Ross Spencer Garsson / Wi	nstead Sechre	st & Mini	ck P.C.					•		
Address 1201 Main Streef, P.O. Box 50784										
City				State	е			ZIP		
Dallas				ΤX					77250-0784	
Country		Telephon	8			Fax				
US		512-474-2	870			512-4	474-285	0		
I hereby declare that all staten and belief are believed to be statements and the like so ma false statements may jeopardiz	e true; and fur de are punishat	ther that to ble by fine	these state or imprise	tement onmen	ts wer it, or b	e made oth, und	with der 18 i	the kno	owledge that willful false	
NAME OF SOLE OR FIRST IN	VENTOR:	- 1	□ Ap	etilion	has b	een filed	l for thi	s unsiq	ned inventor	
Given Name (first and middle [if any]) Boris I.				Family Name or Sumame Yakobson						
Inventor's Signature									Date	
Residence: City	State	<u>-</u>		Cour	ntry			Citize	nship	
Houston	TX			US				US		
Mailing Address 2006 Quenby Road										
City	State				ZIP	·			Country	
Houston	TX		·		7700)5			US	
NAME OF SECOND INVENTO	R:				Ар	etition h	ıas bee	n filed f	or this unsigned inventor	
Given Name (first and middle [if any]) Pave	IV.			-1		amily Na Surnar		vramo	v	
Inventor's Signature			-						Date	
Residence: City	State			Cour	atry			Citize	nship	
Houston	TX			US				RU		
Mailing Address 2630 Bissonnet, No. 48	3									
City	State				ZIP			Count	ry	
Houston	TX .			1				US	s	
Additional inventors or a legal rep	resentative are bein	ng named on	the 1 s	upplem	ental she	et(s) PTO	/SB/02A	or 02LR :	attached hereto.	



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	ned wit	ADDITIO Supplement	NAL	INVENTOR(S)	HILLING OF VOICE	One oxiger named.	
DECLARATION		Suppleme	(tai S	IRSEL	Page	1of 2	
Name of Additional Joint Inventor, if any:	A Acc	aration + 50	Frun Filo	rental Declaration of Horthis unsigned inv	tegal tep	ensentative nave	
Given Name (first and middle (if any)		Family Nam					
John L.							
towerstor's Mary Lou Margrave Legal representative Bohn Margrane 04-26-04							
Belaire Dellare Residence City	TX // State		US CS	ztry .	US Citizenship)	
4511 Verone Mailing Address							
Mailing Address		· · · · · · · · · · · · · · · · · · ·					
Bellaire City				77401-5513	US		
Name of Additional Joint Inventor, if any:							
Given Name (first and middle (if any)			Family Name or	Surname			
Edward T.)				
Inventor's Signature		Date					
Pearland Residence: City	TX State	;		US Country		US Citizenship	
3214 Worthington Dr. Mailing Address							
Malling Address							
Pearland City	TX State			77584 Zip	US Country		
Name of Additional Joint Inventor, if any:		☐ A pet	ition h	as been filed for this	unsigned in	ventor	
Given Name (first and middle (if any)				Family Name or S	Surname		
Robert H.		Hauge					
Inventor's Signature		Date					
Houston Residence: City	TX State			JS Country		US Cittzenship	
4031 Tumberry Circle Mailing Address							
Mailing Address	·			 			
Houston City	TX State			77025 Zip	US Country		

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ADDITIONAL INVENTOR/S)

			Supplemental Sheet Page 2 of 2				
Name of Additional Joint Inventor, if any:		☐ Ape	stition has been filed for	this unsigned inventor			
Given Name (first and middle (if any)		Family Name or Surname					
Peter J.		Boul					
Inventor's Signature				Date			
Strasbourg Residence: City	State		FR Country	UK Citizenship			
University of Louis Pasteur, ISIS/ULP-CNRS UN Mailing Address	AR 7006,	Laboratoire	e de Chemise Sup	ramoleculaire			
8, allee Gaspard Monge Mailing Address							
Strasbourg City	State		F-67083 Zip	FR Country			
Name of Additional Joint Inventor, if any:		A pe	fition has been filed for	this unsigned inventor			
Given Name (first and middle (if any)			Family Nam	e or Surname			
Chad B.							
Inventor's Signature		Date	•				
Houston Residence: City	TX State	US Country		US Citizenship			
6500 South Main Mailing Address				y characterists			
Mailing Address							
Houston City	TX State		77030 Zip	US Country			
Name of Additional Joint Inventor, if any:		☐ A pet	ition has been filed for	this unsigned inventor			
Given Name (first and middle (if any)	1		Family Name	or Surname			
Richard E.		Smalley					
Inventor's Signature		Date					
Houston Residence: City	fouston Residence: City TX State			US Citizenship			
1816 Bolsover Mailing Address			Country	, concerning			
Mailing Address							
Houston City	TX State		77005 Zip	US Country			

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SUPPLEMENTAL DECLARATION UNDER 37 C.F.R. § 1.42 FOR SIGNING BY LEGAL REPRESENTATIVE ON BEHALF OF DECEASED INVENTOR

I, Mary Lou Margrave, hereby declare that I am a citizen of the United States, residing at 4511 Verone, Bellaire, Texas 77041. I further declare that I have reason to believe that I will be appointed legal representative of John L. Margrave, my husband, who passed away on December 18, 2003, as I am named as executrix in his will. Upon information and belief, I aver those facts that he is required to state in order to apply for a patent or allowance of any patent application in which he is listed as an inventor. Further, it is my understanding that all patents and patent applications in which John L. Margrave is listed as an inventor are to be assigned to Rice University, his employer since 1963, pursuant to the Rice University Policy.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: (45il 26, 2004

Mary Lou Margrave

Legal Representative of John L. Margrave

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DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration Submitted With Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e))

ond to a collection of information	unless it contains a valid OMB control number.					
Attorney Docket Number	11321-P057US					
First Named Inventor	Yakobson, et al.					
COMP	PLETE IF KNOWN					
Application Number	To Be Assigned					
Filing Date	November 19, 2003					
Art Unit	Unknown					
Examiner Name	Unknown					

	require	eu)			OTIKNOWIT				
I hereby declare that:									
Each inventor's residence, mailing address, and citizenship are as stated below next to their name.									
I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:									
A High-Yield Method of Endohedrally Encapsulating Species Inside Fluorinated Fullerene Nanocages									
	- /	(Title of the	Invention)	1					
the specification of which		·	ŕ						
is attached hereto									
OR									
was filed on (MM/DD/Y	YYY) No	ovember 19, 2003	as Uni	ited States App	olication Num	ber or PCT	International		
Application Number and was amended on (MM/DD/YYYY) (if applicable).									
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
I acknowledge the duty to di continuation-in-part application and the national or PCT intern	ns, material inf	ormation which bed	came avail	able between	efined in 37 the filing date	CFR 1.56, e of the pri	including for or application		
inventor's or plant breeder's ri country other than the United	I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date								
Prior Foreign Application Number(s)	Country	Foreign Filing		Priori Not Clai		ertified Cop	oy Attached?		
N/A		(Miniso)(11	•••	Not Glai	incu				
Additional foreign applicat	ion numbers ar	e listed on a supple	emental pri	ority data shee	et PTO/SB/02	B attached	hereto.		

[Page 1 of 2]

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Name Ross Spencer Garsson / Wir	nstead Sechre	st & Minic	k P.C.						
Address 1201 Main Street, P.O. Box 50784								•	
City				State)				ZIP
Dallas				ΤX					77250-0784
Country		Telephone)			Fax			_L
us		512-474-28	370			512-4	1 74-285	0	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any]) Boris I.					Family Name or Surname Yakobson				
Inventor's Signature Date						Date			
Residence: City	State			Cour	itry			Citize	nship
Houston	TX			US				us	
Mailing Address 2006 Quenby Road									
City	State				ZIP			Country	
Houston	TX				7700	5			US
NAME OF SECOND INVENTO	R:				A p	etition h	as bee	n filed t	for this unsigned inventor
Given Name (first and middle [if any]) Pave	IV.					amily Na Surnar	_	vramo	V
Inventor's Signature									Date
Residence: City	State			Coun	try			Citize	nship
ouston TX				US				RU	
Mailing Address 2630 Bissonnet, No. 48									
City	State				ZIP			Count	ry
Houston	TX				77005	; 		US	
Additional inventors or a legal rep	resentative are beir	ng named on t	he <u>1</u> s	uppleme	ntal she	et(s) PTO	/SB/02A	or 02LR	attached hereto.

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DECLARATION

Signature

City

Houston Residence: City

4031 Turnberry Circle
Mailing Address

Mailing Address
Houston

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor							
Given Name (first and middle (if any)		Family Name or Surname					
John L.		Margrave					
Inventor's Signature				Date			
Belaire Residence: City	TX State		US Country	US Citizenshi	US Citizenship		
IS11 Verone Mailing Address		•			-		
Mailing Address							
Bellaire City	TX State	e	77401 Zip	US Country	/		
Name of Additional Joint Inventor, if any:		☐ A pet	ition has been filed f	or this unsigned in	nventor		
Given Name (first and middle (if any)		Family Na	me or Surname	,			
Edward T		Mickelson		.			
Inventor's Signature		Date 4 - N	1ay-04				
Pearland Residence: City	TX State		US Country		US Citizenship		
214 Worthington Dr. Mailing Address					· · · · · · · · · · · · · · · · · · ·		
Mailing Address							
Pearland City	TX State	9	77584 Zip	US Country	1		
Name of Additional Joint Inventor, if any:	A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any)	Family Name or Surname						
Robert H.		Hauge					
Inventor's							

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Date

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Country

77025

TX State

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State

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ADDITIONAL INVENTOR(S)

DECLARATION Supplemental Sheet Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any) Family Name or Surname Peter J. Boul Inventor's Signature Date Strasbourg Residence: City FR UK State Country Citizenship University of Louis Pasteur, ISIS/ULP-CNRS UMR 7006, Laboratoire de Chemise Supramoleculaire Mailing Address 8, allee Gaspard Monge Mailing Address Strasbourg F-67083 FR City State Zip Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Family Name or Surname Given Name (first and middle (if any) Chad B. Huffman Date Inventor's Signature TX State US Citizenship Houston US Residence: City Country 6500 South Main Mailing Address Mailing Address Houston TX State 77030 US City Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any) Family Name or Surname Richard E. **Smalley** Inventor's Signature Date Houston Residence: City TX State US US Country Citizenship 1816 Bolsover Mailing Address Mailing Address Houston 77005 TX US City State Zip

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Unknown

Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number | 11321-P057US 11321-P057US **DECLARATION FOR UTILITY OR** First Named Inventor Yakobson, et al. **DESIGN** COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) Application Number To Be Assigned Filing Date Declaration Declaration November 19, 2003 OR Submitted after Initial Submitted Art Unit Filing (surcharge (37 CFR 1.16 (e)) With Initial Unknown Filing Examiner Name

required)

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I hereby declare that:									
Each inventor's residence, mailing address, and citizenship are as stated below next to their name.									
t believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:									
A High-Yield Method of Endohedrally Encapsulating Species Inside Fluorinated Fullerene									
Nanocages									
(Title of the Invention)									
the specification of which									
is altached hereto									
OR									
was filed on (MM/DD/YYYY) November 19, 2003 as United States Application Number or PCT International									
Application Number and was amended on (MM/DD/YYYY) (if applicable).									
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.									
amended by any amendment	specifically refe	теа 10 ароуе.							
I acknowledge the duty to di	sclose informa	tion which is material to pat	entability as	defined in :	37 CFR 1.5	56, including for			
continuation-in-part application and the national or PCT intern	ns, materiai ini Iational filino da	onnauon which became avail te of the continuation-in-nart :	able betweer	me ming c	ate of the	prior application			
I hereby claim foreign priority	benefits unde	r 35 U.S.C. 119(a)-(d) or (f)	or 365(b) o	any foreig	n application	on(s) for patent.			
inventor's or plant breeder's ri	ights certificate	(s), or 365(a) of any PCT into	ernational app	dication whi	ich designa	ited at least one			
country other than the United application for patent, inventor	States of Amer	ica, listed below and have als	so identified b	elow, by ch	ecking the	box, any foreign			
before that of the application of	n which priority	is claimed.	my roi inter	nauona app	исавон на	ving a mang date			
Prior Foreign Application		Foreign Filing Date	Prior		Certified C	opy Attached?			
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Additional foreign applicat	ion numbers ar	e listed on a supplemental pr	iority data she	et PTO/SB/	02B attach	ed hereto.			

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Direct all correspondence to:	Custome	er Number				OR	v	Corres	pondence address below		
Name					-						
Ross Spencer Garsson / Winstead Sechrest & Minick P.C.											
Address											
1201 Main Streef, P.O. Box 50784											
City				State	е				ZIP		
Dallas				ΤX					77250-0784		
Country		Telephon	е			Fax					
us		512-474-2	870			512-4	74-285	0			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.											
NAME OF SOLE OR FIRST IN	VENTOR:			etition	has	been filed	for thi	is unsig	ned inventor		
Given Name						Family N	lame				
(first and middle [if any]) Boris I.						or Surna	or Surname Yakobson				
Inventor's Date											
Signature									Julio		
Residence: City	State			Cou	ntry			Citize	nship		
Houston	TΧ			บร				us			
Mailing Address 2006 Quenby Road											
City	State				ZIF	>			Country		
Houston	TX				77	005			US		
NAME OF SECOND INVENTO	R:				A	pelition h	as bee	n filed I	for this unsigned inventor		
Given Name (first and middle [if any]) Pave	11/				\Box	Family Na		\vramo	N.		
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Inventor's Signature			•						Date		
Residence: City	State			Cou	ntry			Citize	nship		
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2630 Bissonnet, No. 48											
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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet					
DECLARATION		Офранс	Table Officer		Page -	1 of 3	
Name of Additional Joint Inventor, if any:		A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any)		Family Nam	e or Sum	ame			
John L		Margrave					
Inventor's Signature					Date		
Belaire Residence: City	TX State		US Country		US Citizenship		
4511 Verone Mailing Address		<u>-</u>			<u> </u>		
Mailing Address							
Bellaire	TX		77	401	US		
City	State		Zij	<u> </u>	Country		
Name of Additional Joint Inventor, if any:		☐ A pet	ition has b	een filed for th	is unsigned in	ventor	
Given Name (first and middle (if any)				Family Name	or Surname	·	
Edward T	Mickelson						
Inventor's T. M.M.		Date 4 - N	1ay -	04		·	
Pearland Residence: City	TX State		US	mter		US Citizenship	
3214 Worthington Dr. Mailing Address	Otate	·	, ,	utuy		Сиссияцр	
Mailing Address							
Pearland City	TX State		77 Zij	584	US Country		
Name of Additional Joint Inventor, if any:		☐ A pet	ition has t	een filed for th	is unsigned in	ventor	
Given Name (first and middle (if any)				Family Name o	or Surname		
Robert H.		Hauge					
Inventor's Signature Columnia Taucia	2	Date S	17/	2004			
Houston Residence: City	TX State		/ US Co.	ntry		US Citizenship	
4031 Tumberry Circle Mailing Address						•	
Mailing Address					•		
Houston City	TX		77	025	US		

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DECLARATION	s required to n	aspond to a collection of information unless it contains a valid OMB control number ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2					
Name of Additional Joint Inventor, if any:		A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any)		Family Na	ame or Surname				
Peter J.		Boul	<u> </u>				
Inventor's Signature				Date			
Strasbourg Residence: City	State		FR Country	UK Citizenship			
University of Louis Pasteur, ISIS/ULP-CNRS UN Mailing Address	MR 7006,	Laboratoi	re de Chemise Supra	moleculaire			
8, allee Gaspard Monge Mailing Address							
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Name of Additional Joint Inventor, if any:		□ Ар	etition has been filed for ti	ris unsigned inventor			
Given Name (first and middle (if any)		Family Name	or Surname				
Chad B.	Huffman						
Inventor's Signature		Date					
Houston Residence: City	TX State		US Country	US Citizenship			
6500 South Main Mailing Address							
Mailing Address							
Houston City	TX State		77030 Zip	US Country			
Name of Additional Joint Inventor, if any:		□ Ap	etition has been filed for th	is unsigned inventor			
Given Name (first and middle (if any)			Family Name o	or Surname			
Richard E.		Smalley					
Inventor's Signature		Date					
Houston Residence: City	TX State		US Country	US Citizenship			
1816 Bolsover Malling Address							
Mailing Address							
Houston City	TX State		77005	US Country			

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They Docket Number

	DECLAR		N FÖR ESIGN	UTILITY OR	Attorney Docket Number 11321-P057US First Named Inventor Yakobson, et al.						
PATENT APPLICATION				COMPLETE IF KNOWN							
	(37 CFR 1.63)			03)	Application Number	To Be Assigned					
П	Declaration Submitted OR With Initial Filing Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Filing Date	November 19, 2003								
		Filing (surcharge	Art Unit	Unknown							
			Examiner Name	Unknown							

- 11119	require	ed)	Examiner	Vame	Unknown					
I hereby declare that:						1				
Each inventor's residence,	mailing address,	and citizenship are	as stated t	elow next to t	heir nam o .					
t believe the inventor(s) nar which a patent is sought on	ned below to be the invention en	the original and firs	t inventor(s) of the subjec	at matter wi	nich is claim	ned and for			
A High-Yield Method Nanocages	of Endohed	rally Encapsul	ating Sp	ecies Insid	le Fluori	nated Fu	ıllerene			
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the specification of which		(Title of the	Invention)							
the specification of which is attached hereto										
OR										
was filed on (MWDD	////) N	ovember 19, 2003	as Uni	ted States App	plication Nu	ımber or P(CT International			
Application Number	·	and was amende	•	, r	· · · · · · · · · · · · · · · · · · ·		(if applicable).			
I hereby state that I have re- amended by any amendment	viewed and unde nt specifically refe	rstand the contents erred to above.	of the abo	ve identified s	pecification	, including	the claims, as			
I acknowledge the duty to continuation-in-part applicat and the national or PCT inte	ions, material inf	omation which be	came avail	able between	lefined in 3 the filing d	37 CFR 1.5 late of the	56, including for prior application			
I hereby claim foreign prior inventor's or plant breeder's	ity benefits unde	or 35 U.S.C. 119(a)-(d) or (f).	or 365(b) of	any foreig	n application	on(s) for patent,			
country other than the Unite	d States of Amer	rica, listed below ar	nd have als	o identified be	low, by ch	ecking the !	box, any foreign			
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[Page 1 of 2]

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Direct all correspondence to:	Custome	er Number	:			OR	v	Corres	pondence address below	
Name Ross Spencer Garsson / Wir	istead Sechre	est & Mini	ick P.C.							
Address 1201 Main Streef, P.O. Box 50784							•			
City				State	e				ZIP	
Dallas TX 77250-0784										
Country Telephone Fax										
US 512-474-2870						512~	474-285	0		
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NAME OF SOLE OR FIRST IN	VENTOR:		Пар	etition	has b	een filed	d for thi	s unsia	ned inventor	
Given Name (first and middle (if anyl)) Boris I. A petition has been filed for this unsigned inventor Family Name or Surname Yakobson										
Inventor's Signature									Date	
Residence; City	State			Cou	ntry		Citizenship			
Houston	TΧ			us				us		
Mailing Address 2006 Quenby Road										
City	State				ZIP				Country	
Houston	TX				770	05		US		
NAME OF SECOND INVENTO	R:] A	pelition t	nas bee	n filed	for this unsigned inventor	
Given Name (first and middle [if any]) Pave	1 V.				3 '	Family Nor Suma		lvramo) v	
Inventor's Signature									Date	
Residence: City	State			Cou	ntry	-		Citize	nship	
Houston	TX			US	-			RU		
Mailing Address 2630 Bissonnet, No. 48									·	
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Additional inventors or a legal re	presentative are be	ing named or	nthe 1 s	worder	cental sh	neet(s) PTC	D/SB/02A	or 021.R	attached hereto	



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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet	Page 1 of 2

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Name of Additional Joint Inventor, if any:		☐ Ape	etition has been file	d for this unsigned	inventor		
Given Name (first and middle (if any)		Family Nar	me or Sumame				
John L.		Margrave		2			
Inventor's Signature				Date			
Belaire Residence: City	TX State		US Country	US Citizensh	ıip		
4511 Verone Mailing Address							
Mailing Address							
Bellaire City	TX State	3	77401 Zlp	US Counti	y		
Name of Additional Joint Inventor, if any:		☐ Ape	tition has been filed	d for this unsigned	inventor		
Given Name (first and middle (if any)	Family Name or Surname :						
Edward T		Mickelson	1				
inventor's Signature TM. MM.		Date 4 - N	Nay-04				
Pearland Residence: City	TX State		US		US Citizenship		
3214 Worthington Dr. Mailing Address							
Mailing Address							
Pearland City	TX State		77584 Zip	US Countr	у		
Name of Additional Joint Inventor, if any:		☐ A pe	tition has been filed	for this unsigned i	inventor		
Given Name (first and middle (if any)		Family Name or Surname					
Robert H.		Hauge					
Inventor's Signature	_	Date		•			
Houston Residence: City	TX State		US Country		US Citizenship		
4031 Turnberry Circle Mailing Address							
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Inventor's Signature	3.1	-	· · · · · · · · · · · · · · · · · · ·	****	08-Z	6-2004	1	
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Alterney Docket Number 11321-P077LIS DECLARATION FOR UTILITY OR First Named Inventor Yakobson, et al. **DESIGN** COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) Application Number To Be Assigned Filing Date November 19, 2003 Declaration Declaration Submitted after Initial OR Submitted Art Unit Unknown With Initial Films (aurcherus (37 CFR 1.18 (e)) Filing Examiner Name Unknown required) I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: A High-Yield Method of Endohedrally Encapsulating Species Inside Fluorinated Fullerene Nanocages (Tille of the Invention) the specification of which is attached hereto was filed on (MM/DD/YYYY) November 19, 2003 as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for confinitation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, Inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Foreign Filing Date Certified Copy Attached? Priority Country Number(s) (MM/DD/YYYY) Not Claimed Yes N/A

[Page 1 of 2] This extluction of information is required by 35 U.S.C. 115 and 27 CFR 1.63. The information is required to obtain or retain a brancht by the public which is to site (an by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 influtes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Three will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandre, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patenta, P.O. Box 1450, Alexandria, VA 22313-1450.

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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City State ZIP											
Dallas TX 77250-0784											
Country Telephone Fax											
us		512-474 2	2870			512-4	474-285	0			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are purishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.											
NAME OF SOLE OR FIRST IN	VENTOR:		ПАР	atition	has b	een file	d for thi	igianu e	ned inventor		
Given Name (first and middle [if any]) Boris I.					Family Name or Sumame Yakob			'akobs	son		
Inventor's Date Signature								Date			
Residence: City	State			Cou	ntry	·		Citize	nship		
Houston	TX			US				US	US		
Mailing Address 2006 Quenby Road		,									
City	State				ZIP				Country		
Houston	TX				770	05		1	US		
NAME OF SECOND INVENTO	R:				A	petition t	nas bee	en filed f	or this unsigned inventor		
Given Name (first and middle [if any]) Pave	ıv.					amily N or Suma		lvramo	v		
Inventor's Signature				 					Date		
Residence: City	State			Cour	ntry			Citize	nship		
Houston	TX			บร				RU			
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City	State			T	ZIP			Count	ry		
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ADDITIONAL INVENTOR(S)

Supplemental Sheet **DECLARATION**

Name of Additional Joint Inventor, if any:		A peth	tion h	es been filed for	this	unsigned Inv	entor	
Given Name (first and middle (if any)		Family Name or Surname						
John L.		Margrave						
Inventor's Signature						Date		
Belaire Residence; City	TX State		US Country			US Citizenship		
4511 Verone Mailing Address						·····		
Mailing Address								
Bellaire City	TX State			77401 Zlp		US Country		
Name of Additional Joint Inventor, if any:		☐ A pcti	tion h	nas been filed for	this	unsigned inv	entor	
Given Name (first and middle (if any)		Family Name or Surnamo						
Edward T		Mickelson						
Inventor's Signature J.M.M.		Date 4 - M	lay	-04			<u>.</u>	
Pearland Residence: City	TX State			US Country			US Citizenship	
3214 Worthington Dr. Mailing Address								
Mailing Address								
Pearland City	TX State			77584 Zip		US Country		
Name of Additional Joint Inventor, if any:		☐ A peti	tion h	nas been filed for	linis	unsigned inv	entor	
Given Name (liret and middle (if any)		Family Name or Surname						
Robert H.		Hauge						
Inventor's Signature		Date						
Houston Residence: City	TX State			US Country			US Citizenship	
4031 Turnberry Circle Mailing Address								
Mailing Address						•		
Houston City	TX State			77025 Zip		US Country		

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DECLARATION		ADDITIONAL INVENTOR(5) Supplemental Sheet					
Name of Additional Joint Inventor, if any:		A petition	has been filed for	this unsigned in	wentor		
Given Name (first and middle (if any)		Family Name o	r Sumame				
Peter J.		Boul					
Inventor's Signature				Date			
Strasbourg Residence: City	State	FR Co	umby	UK Citizenshi	р		
University of Louis Pasteur, ISIS/ULP-CNRS UM	R 7006,	Laboratoire de	Chemise Supr	ramoleculaire			
8, allee Gaspard Monge Maing Addross							
Strasbourg City	State		F-67083 Zip	FR Country	,		
Name of Additional Joint Inventor, if any:		A petition	has been fled for	this unsigned in	wentor		
Given Name (first and middle (# any)			Family Nam	o or Surname	<u>.</u>		
Chad B.		Huffman					
Inventor's Challed Taller	_	Date 6/14/04					
Houston Residence: City	TX State	US Country			US Cltizenship		
6500 South Main Mailing Address							
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Houston City	TX State		77030 Zip	US Country	,		
Name of Additional Joint Inventor, If any:		A petition	has been filed for	this unsigned in	ventor		
Given Name (first and middle (if any)			Family Name	or Surname			
Richard E.		Smalley					
Inventor's Signature	Date						
Houston Residence: City	TX State	•	US Country		US Citizenship		
1816 Bolcover Mailing Address							
Malling Address							
Houston City	TX State	_	77005 Zip	US Country			

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DECLARATION	FOR UTIL	ITY OR	11321-F03703								
•	SIGN		First Named Inventor Yakobson, et al.								
1	PPLICATION	ON [COMPLETE IF KNOWN								
(37 CI	FR 1.63)		Application N	lumber	To Be As	signed					
Declaration 0.0	Declara		Filing Date		Novembe	November 19, 2003					
Submitted OR With Initial Filing	Filing (ted after Initial surcharge	Art Unit		Unknown						
rawa	require	R 1.16 (e))	Examiner Na	me	Unknown						
I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for											
I believe the inventor(s) name which a patent is sought on the	ed below to be t ne invention ent	he original and first litted:	inventor(s) o	of the subject	ct matter w	hich is dain	ned and for				
A High-Yield Method of Endohedrally Encapsulating Species Inside Fluorinated Fullerene Nanocages											
(Title of the Invention)											
the specification of which											
is attached hereto											
OR											
was filed on (MM/DD/Y	YYY) No	ovember 19, 2003	as United	d States Ap	plication N	umber or Po	CT International				
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I hereby state that I have revie amended by any amendment	ewed and under specifically refe	rstand the contents erred to above.	of the above	identified	pecification	n, including	the claims, as				
I acknowledge the duty to di continuation-in-part application and the national or PCT intern	ns, material inf	omation which bec	ame availab	le between	lefined in the filing of	37 ĈFR 1.9 date of the	56, including for prior application				
inventor's or plant breeder's ri country other than the United application for patent, inventor	and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.										
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NAME OF SOLE OR FIRST IN	VENTOR:		П	efition	has b	een filed	for thi	s unslar	ned inventor
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Additional Inventors or a legal rep	presentative are bein	no bernan gr	the 1 s	uppleme	ental shr	eot(s) PTO/	SB/02A	or 02LR a	ittached hereto.

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ADDITIONAL INVENTOR(S)
Supplemental Sheet

DECLARATION		Suppler	nental Sheet	Pac	10 2 of 2		
Name of Additional Joint Inventor, if any:		□ A	petition has been filed f	for this unsigned	Inventor		
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Richard E.		Smalley					
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